

**McChord Engineering Associates, Inc.**

Civil Engineers and Land Planners

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Wilton, CT 06897

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June 30, 2021

Environmental Protection Commission  
Darien Town Hall  
2 Renshaw Road  
Darien, CT 06820

Re: Summary of Proposed Activity  
Proposed Site Development  
72 Deepwood Road, Darien, CT  
Map 26, Lot 27

Dear Commissioners:

This office has been commissioned by Dominic DeMattia to prepare an application to EPC for the proposed site development of 72 Deepwood Road. The project requires an EPC application because there will be disturbance within the 50' upland review area of the inland wetlands on-site. The following is a summary of the existing property, proposed development and regulated activity.

The property totals 1.345-acres and is located within Darien's "R-1" zone. It is currently developed with a single family residence, driveway, hardscape and lawn. The property has inland wetlands encompassing the southern and western portions of the property. An existing underground detention system controls rooftop and driveway runoff. The detention system is equipped with an overflow grate to provide relief during extreme storm events. The property is currently served by town sewer and water.

The proposed site development includes the construction of a pool, spa and expanded patio in an area that currently exists as lawn. Portions of the pool and hardscape will be located within the upland review area for the inland wetlands on-site. Mitigation plantings are proposed to alleviate any impact to the wetlands. There will be approximately 800 sq. ft. of disturbance within the inland wetlands to install these plantings. For more information on the mitigation plantings, refer to the "Wetland/Wetland Buffer Mitigation Plan" prepared by Aleksandra Moch, Wetland Scientist and Landscape Designer, dated June 16, 2021.

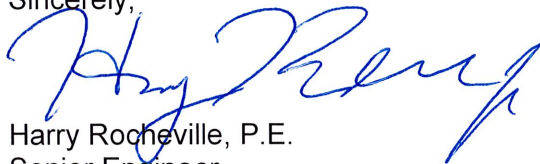
The existing stormwater management system will be expanded to control the increase in runoff from the proposed development. The existing overflow grate for the detention system will remain in place. The pool and hardscape area that is not captured will sheet flow through lawn or mitigation plantings before reaching the inland wetlands. Refer to the "Stormwater Management Report" and "Site Development Plan" submitted by McChord Engineering Associates for additional information. Management Report" and "Site Development Plan" submitted by McChord Engineering Associates for additional information.

Excavation and filling is required to for the proposed development. Any excess material excavated from the property for the pool construction will be trucked away in order to minimize the amount of stockpiled material on the site. A retaining wall is proposed to minimize the amount of earthwork required. The only earthwork that is proposed within the wetlands is for the mitigation plantings.

Soil and erosion controls, including silt fence and hay bales, will be employed to protect the wetlands during construction. These controls will remain in place until the site is stabilized and permanent vegetative cover has been established.

It is the opinion of this office that the proposed site development will have no adverse impacts to any downstream neighbors or to the inland wetlands on-site.

Sincerely,

A handwritten signature in blue ink, appearing to read "Harry Rocheville", is written over the typed name.

Harry Rocheville, P.E.  
Senior Engineer